

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Suk-Hyung KWON et al.) Group Art Unit: Unassigned
Application No.: Unassigned) Examiner: Unassigned
Filed: May 25, 2006) Confirmation No.: Unassigned
For: COMPOSITION FOR PREVENTING)
AND TREATING CLIMACTERIC)
SYMPTOMS COMPRISING THE)
EXTRACT OF SOPHORAE FRUCTUS)

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98. Also enclosed are copies of Form PCT/ISA/237 (Written Opinion of the International Searching Authority), Form PCT/ISA/210 (International Search Report), and Form PCT/IPEA/409 (International Preliminary Report on Patentability) in connection with the related International Application.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

U.S. Patent Documents

- 1) ERDELMEIER et al., U.S. Patent Publication No. US 2003/0180394 A1, published on September 25, 2003.

Foreign Patent Documents

- 1) HWANG et al., Korean Patent Publication No. 10-2004-0038481 A, published on May 8, 2004 (with English Language Abstract attached).

- 2) BANG et al., Korean Patent Publication No. 10-2001-0081369 A, published on August 29, 2001 (with English Language Abstract attached).
- 3) HWANG et al., Korean Patent Publication No. 10-2003-0095669, published on December 24, 2003.
- 4) HA et al., Korean Patent Publication No. 10-2002-0044745 A, published on June 19, 2002.
- 5) BANG et al., Korean Patent Publication No. 10-2002-0033452 A, published on May 6, 2002 (with English Language Abstract attached).

Non-Patent Literature Documents

- 1) JOO et al., "Inhibition of IL-1 β and IL-6 in Osteoblast-Like Cell by Isoflavones Extracted from *Sophorae fructus*," Archives of Pharmacal Research, 2003, vol. 26, no. 12, pp. 1029-1035, Pharmaceutical Society of Korea, South Korea.
- 2) JOO et al., "Isoflavones Extracted from *Sophorae fructus* Upregulate IGF-1 and TGF- β and Inhibit Osteoclastogenesis in Rat Born Marrow Cells," Archives of Pharmacal Research, 2004, vol. 27, no. 1, pp. 99-105, Pharmaceutical Society of Korea, South Korea.

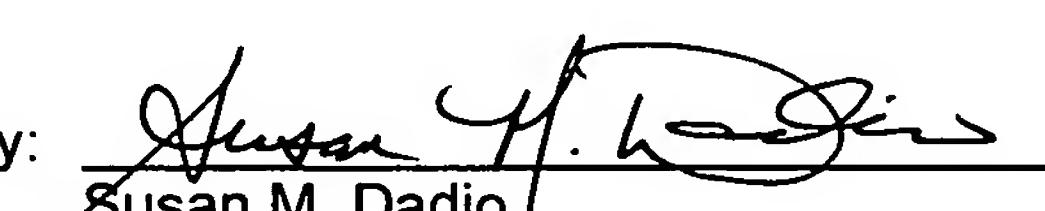
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date May 25, 2006

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1449B PTO 25 MAY 2006
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**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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|------------------------|-----------------------|
| Application Number | Unassigned |
| Filing Date | May 25, 2006 |
| First Named Inventor | Suk-Hyung KWON et al. |
| Examiner Name | Unassigned |
| Attorney Docket Number | 1012679-000119 |

U.S. PATENT DOCUMENTS

| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
|-------------------|-----------------|----------------------|---|-------------------------------------|
| | 2003/0180394 | A1 | ERDELMEIER et al. | 09-25-03 |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | STATUS | | | | | | Cited in Spec Abstract |
|-------------------|-----------------|----------------------|-------------------|----------------------------------|-------------|---------------------|--------------------|---------------|------|------------------------|------------------------|
| | | | | | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Cited in Spec Abstract | |
| | 10-2004-0038481 | | Republic of Korea | 05-08-04 | | | | X | | X | |
| | 10-2001-0081369 | A1 | Republic of Korea | 08-29-01 | | | | X | | X | |
| | 10-2003-0095669 | | Republic of Korea | 12-24-03 | | | | X | | X | |
| | 10-2002-0044745 | A | Republic of Korea | 06-19-02 | | | | X | | X | |
| | 10-2002-0033452 | A | Republic of Korea | 05-06-02 | | | | X | | X | |
| | | | | | | | | | | | |

NON-PATENT LITERATURE DOCUMENTS

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|-------------------|---|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| | JOO et al., "Inhibition of IL-1 β and IL-6 in Osteoblast-Like Cell by Isoflavones Extracted from <i>Sophorae fructus</i> ," <i>Archives of Pharmacal Research</i> , 2003, vol. 26, no. 12, pp. 1029-1035. |
| | JOO et al., "Isoflavones Extracted from <i>Sophorae fructus</i> Upregulate IGF-1 and TGF- β and Inhibit Osteoclastogenesis in Rat Born Marrow Cells," <i>Archives of Pharmacal Research</i> , 2004, vol. 27, no. 1, pp. 99-105. |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.